

<b>ADMINISTRATIVE POLICY ENERGY MANAGEMENT</b>	Policy No.: 7.4.20
	Original Date: September 9, 2010
	Revision Date: February 26, 2014
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	Owner: Environmental Affairs

### **1. PURPOSE**

Energy is used in several forms to operate buildings, for vehicles and heavy equipment and to meet the needs of partners who use Port facilities. Market phenomena are creating a surplus of potential energy strategies, necessitating the need for a clear understanding of and a process for evaluating various new concepts of energy use. Having a consistent guideline upon which to base energy decisions will serve the Port of Portland in discerning strategies for efficient use of financial and energy resources. It will serve to guide Port decisions to ensure effective process evaluation when faced with energy investment decisions.

### **2. PERSONS AFFECTED**

This policy applies to all Port employees and those working on behalf of the Port.

### **3. POLICY STATEMENT**

The Port of Portland will strive to use energy efficiently to operate its facilities and meet the needs of those using Port services and facilities. The Port will be objective and diligent in evaluating new energy technology development and will consider a balance of issues including: economic feasibility, system compatibility and environmental effectiveness in the evaluation of energy strategies. The Port will monitor emerging issues related to energy use and on-site generation that will assist in informing decisions related to Port operations, policies and priorities.

The Port supports economically and environmentally feasible strategies that reduce energy consumption and utilize proven technologies in the development and operation of Port facilities. The Port will strive to use state-of-the-art strategies for energy use and minimization in designing new facilities and upgrade of out-of-date systems in existing buildings when such upgrades yield economic and environmental benefits deemed to meet Port economic and environmental sustainability criteria.

The Port will promote efficient use of energy by:

- Continually seeking ways to reduce energy consumption by implementing design strategies that utilize state-of-the-art design of building and energy systems;
- Evaluating emerging distributed generation strategies and determining their effectiveness based on economic payback and overall environmental benefit;
- Employing operating strategies that upgrade outdated systems with more efficient equipment and optimize the use of natural sources of energy such as daylighting, geothermal heating and cooling, economizing cycles, etc.;
- Purchasing renewable energy from sustainable sources available in the commercial energy market;

- Facilitating efficient use of energy by Port tenants by offering information and design review support; and
- Developing systems and practices that result in a reduction of energy by users of Port facilities by adopting practices and employing systems that move people and goods more efficiently through Port facilities.

Port managers will use the Energy Management Guidance Document for specific guidance related to energy decisions and strategies.

**4. DEFINITIONS**

Not applicable.

**5. RELATED POLICIES, PROCEDURES, AND GUIDELINES**

- 5.1 Commission Policy 6.1.11, *Environmental*
- 5.2 Policy 7.4.18, *Air Quality*
- 5.3 Policy 7.4.11, *Natural Resource*
- 5.4 Policy 7.4.16, *Water Resource*
- 5.5 Policy 7.4.12, *Waste Minimization*
- 5.6 Environmental Management System Manual
- 5.7 Energy Management Guidance Manual

<b>Policy No. 7.4.20: Energy Management</b>	
<b>Date</b>	<b>Description of Modification</b>
09/01/2010	Original Policy
02/26/2014	Updated format for consistency with other EMS environmental program policies.


Reviewed

  
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Reviewed

  
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